Microsoft

70-356

MCPD ASP.NET Developer Upgrade

Reference:

QUESTION 112
You work as an application developer at Contoso.com. You use Microsoft .NET Framework 3.5 and Microsoft ADO.NET to develop an application. You have completed the following code segment.

```
DataTable dt = new DataTable("Strings");
dt = new DataTable();
dt.Columns.Add("Strings");
dt.Rows.Add("A-G");
dt.Rows.Add("H-P");
dt.Rows.Add("Q-Z");
var c = from Strings in dt.AsEnumerable() select Strings[0]; int count = 0;
```

You need to make sure that the value of the count variable is 4.

What should you do?

A. Use the following code:
   count =c.Select(str => ((string)str).Replace('-', '\n')).Count();
B. Use the following code:
   count =c.SelectMany(str => ((string)str).Replace('-','\n')).Count();
C. Use the following code:
   count = c.Select(str => ((string)str).Split('-')).Count();
D. Use the following code:
   count =c.SelectMany(str => ((string)str).Split('-')).Count();

Correct Answer: D

Reference:

QUESTION 113
You work as an application developer at Contoso.com. You use Microsoft .NET Framework 3.5 and Microsoft ADO.NET to develop an application that will connect to the Microsoft SQL Server 2005 database. Your application contains the following code. (Line numbers are for reference only.)

```
DataTable dt = new DataTable("User");
dt.Columns.Add("ID", typeof(Int32));
dt.Columns.Add("City", typeof(String));
dt.Columns.Add("State", typeof(String));
dt.Rows.Add(1, "UK", "297EU");
dt.Rows.Add(2, "CA", "33NA");
dt.Rows.Add(3, "US", "729NA");
var qry = from s in dt.AsEnumerable()
select s["State"];
foreach (string rNum in qry)
```

You need to display only the digits from the State field. What should you do?

A. Add the following code segment:
   Console.WriteLine(rNum.Select(delegate(char s) { return char.IsDigit(s); }));
B. Add the following code segment:
   Console.WriteLine(rNum.Select(s => char.IsDigit(s)));
C. Add the following code segment:

Console.WriteLine(rNum.Select(s => char.IsDigit(s)?s:'\0'));

D. Add the following code segment:
Console.WriteLine(rNum.Select(delegate(char s, int p) { return p.CompareTo(s); }));

Correct Answer: C

Reference:

QUESTION 114
You work as an application developer at Contoso.com. You use Microsoft .NET Framework 3.5 and Microsoft ADO.NET to develop an application that will connect to the Microsoft SQL Server 2005 database. Your application contains the following code.

```
01 DataTable dt = new DataTable();
02 dt.Columns.Add("number");
03 dt.Columns.Add("string");
04 dt.Rows.Add(1, "3");
05 dt.Rows.Add(2, "2");
06 dt.Rows.Add(3, "1");
07 var result = from p in dt.AsEnumerable()
08
09 foreach (var number in result) {
10     Console.Write(number.ToString());
11 }
```

You need to display the string "321". What should you do?

A. Add the following code segment at line 08:
orderby p["number"] select p["string"];

B. Add the following code segment at line 08:
orderby p["string"] descending select p["number"];

C. Add the following code segment at line 08:
orderby p["number"] descending select p["string"];

D. Add the following code segment at line 08:
orderby p["string"] ascending select p["string"];

Correct Answer: A

Reference:

QUESTION 115
You work as an application developer at Contoso.com. You use Microsoft .NET Framework 3.5 and Microsoft ADO.NET to develop an application that will connect to the Microsoft SQL Server 2005 database. You have completed the following code segment. (Line numbers are for reference only.)

```
01 SqlConnection sqlconn
02 ...
03 SqlDataAdapter ordAdp = new SqlDataAdapter(
04 "SELECT OrderID, CustomerID, OrderDate, Qty, UnitPrice,
05 Discount FROM Sales.OrderDetail", sqlconn);
06 DataSet order_ds = new DataSet();
07 DataTable order_dt = order_ds.Tables.Add("Orders");
```

```
08 ordAdpt.Fill(order_dt);
09 order_dt.Rows[0].BeginEdit();
10 // The code here will insert, update and delete rows
11 order_dt.Rows[0].EndEdit();
12
13 order_dt.AcceptChanges();
```

You want to validate that every row that has the Qty column value is set to zero before you commit any changes.

What should you do?

A. Use the following code segment in line 12:
```
DataRow[] newRows = order_dt.Select(null, null, DataViewRowState.ModifiedCurrent);
foreach (DataRow newrow in newRows)
{
   if(newrow.Field<int>("Qty",DataRowVersion.Original) == 0)
}
```
B. Use the following code segment in line 12:
```
DataRow[] newRows = order_dt.Select(null, null, DataViewRowState.CurrentRows);
foreach (DataRow newrow in newRows)
{
   if(newrow.Field<int>("Qty",DataRowVersion.Current) == 0)
}
```
C. Use the following code segment in line 12:
```
DataRow[] newRows = order_dt.Select(null, null, DataViewRowState.ModifiedCurrent);
foreach (DataRow newrow in newRows)
{
   if(newrow.Field<int>("Qty",DataRowVersion.Current) == 0)
}
```
D. Use the following code segment in line 12:
```
DataRow[] newRows = order_dt.Select(null, null, DataViewRowState.CurrentRows);
foreach (DataRow newrow in newRows)
{
   if(newrow.Field<int>("Qty",DataRowVersion.Original) == 0)
}
```

Correct Answer: B

Reference:

QUESTION 116
You work as an application developer at Contoso.com. You use Microsoft .NET Framework 3.5 and Microsoft ADO.NET to develop an application that will connect to the Microsoft SQL Server 2005 database. You have also created the following code segment:

```
DataTable tbl = new DataTable();
DataColumn colId = tbl.Columns.Add("ID", typeof(int)); colId.AutoIncrement = true;
tbl.Constraints.Add("Pkey", colId, true);
DataColumn colProd = tbl.Columns.Add("Product", typeof(string)); colCtry.DefaultValue = "SKU";
tbl.Columns.Add("Name", typeof(string));
```

You want to create a new row in the tbl DataTable with the following characteristics:

1. The ID column is set to an auto-incremented value.
2. The Product column is set to the default value.

3. The Name column is set to the value "New Product".

What should you do?

A. Add the following code segment:
tbl.Rows.Add(DBNull.Value, DBNull.Value, "New Product");
B. Add the following code segment:
tbl.Rows.Add(null, null, "New Product");
C. Add the following code segment:
tbl.Rows.Add(0, null, "New Product");
D. Add the following code segment:
tbl.Rows.Add(null, DBNull.Value, "New Product");

Correct Answer: B

Reference:

QUESTION 117
You work as an application developer at Contoso.com. You use Microsoft .NET Framework 3.5 and Microsoft ADO.NET to develop an application that will connect to the Microsoft SQL Server 2005 database. The following contacts.xml file is read by the developed application.

```
<contacts>
<contact contactId="2">
<firstName>Mia</firstName>
<lastName>Hamm</lastName>
</contact>
<contact contactId="3">
<firstName>Andy</firstName>
<lastName>Reid</lastName>
</contact>
<contact contactId="4">
<firstName>Amy</firstName>
<lastName>Walsh</lastName>
</contact>
</contacts>
```

Your application contains the following code. (Line numbers are for reference only.)

```
01 XDocument loaded = XDocument.Load(@"D:\contacts.xml");
02
03 foreach (string name in q)
04 Console.WriteLine("{0}", name);
```

You want to make sure that the application outputs only the names Andy Reid and Amy Walsh. What should you do?

A. Add the following code segment at line 02:
var q = from c in loaded.Descendants("contact").Skip(1) select (string)c.Element("firstName") + " " + (string) c.Element("lastName");
B. Add the following code segment at line 02:
var q = from c in loaded.Descendants("contact") where (int)c.Attribute("contactId") < 4 select (string)c. Element("firstName") + " " + (string)c.Element("lastName");
C. Add the following code segment at line 02:
var q = from c in loaded.Descendants("contact").Skip(0) select (string)c.Element("firstName") + " " + (string)

c.Element("lastName");

D. Add the following code segment at line 02:
var q = from c in loaded.Descendants("contact") where c.IsAfter(c.FirstNode) select (string)c.Element ("firstName") + " " + (string)c.Element("lastName");

Correct Answer: A

Reference:

QUESTION 118
You work as an application developer at Contoso.com. You use Microsoft .NET Framework 3.5 and Microsoft ADO.NET to develop an application that will connect to the Microsoft SQL Server 2005 database named DB01 that resides on a server named DB01. You have also created a storage schema definition file named Contoso. ssdl, a conceptual schema definition file named Contoso.csdl and a mapping schema definition file named Contoso.msl.

You then modified the content of Contoso.ssdl and Contoso.csdl. You need to generate the .NET Framework entities from the altered schema definitions.

What should you do?

A. Use the following command:
Edmgen.exe /mode:FromSsdlGeneration /project:Contoso /inssdl:Contoso.ssdl /outcsdl:Contoso.csdl
B. Use the following command:
Edmgen.exe /mode:EntityClassGeneration /project:Contoso /incsdl:Contoso.csdl
C. Use the following command:
Edmgen.exe /mode:ViewGeneration /project:Contoso /inssdl:Contoso.ssdl /incsdl:Contoso.csdl /inmsl: Contoso.msl /outobjectlayer:Contoso
D. Use the following command:
Edmgen.exe /mode:FullGeneration /project:Contoso /provider:System.Data.SqlClient / connectionstring:"server=DB01;integrated security=true;database=ContosoDB"

Correct Answer: C

Reference:

QUESTION 119
You work as an application developer at Contoso.com. You use Microsoft .NET Framework 3.5 and Microsoft ADO.NET to develop an application that will connect to the Microsoft SQL Server 2005 database. The database at Contoso.com has a table named Customer. The database also has a secondary Microsoft Office Access database also has a table named Customer. Both of these tables have the same schema and data in the Access database is updated regularly. Your application contains the following code. (Line numbers are included for reference only.)

```
01 SqlConnection con = new SqlConnection();
02 //Setup con
03 string sql = "Select * from Customer";
04 SqlDataAdapter adp = new SqlDataAdapter(sql, con);
05 SqlCommandBuilder bld = new SqlCommandBuilder(adp);
06 DataTable tblCust = new DataTable();
07 adp.FillSchema(tblCust,SchemaType.Source);
08 adp.Fill(tblCust);
```

```
09 OleDbConnection conAc = new OleDbConnection();
10 OleDbCommand cmd = new OleDbCommand(sql, conAc);
11 //Setup conAc
12 conAc.Open();
13 IDataReader rd = cmd.ExecuteReader();
14
15 conAc.Close();
16 adp.Update(tblCust);
```

You want to combine the data from the Customer table of the Access database to the Customer table of the SQL Server 2005 database.

What should you do?

A. Add the following code segment at line 14:
   tblCust.Load(rd, LoadOption.OverwriteChanges);
B. Add the following code segment at line 14:
   tblCust.Load(rd, LoadOption.Upsert);
C. Add the following code segment at line 14:
   tblCust.Load(rd, LoadOption.PreserveChanges);
D. Add the following code segment at line 14:
   tblCust.Merge(rd.GetSchemaTable());

Correct Answer: B

Reference:

Pass your exam at First Attempt....Guaranteed!